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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	BIN 9	PTG 74
First Inventor	Alex A. Behfar	J.S.
Title	See 1 in Addendum	, , , , , , , , , , , , , , , , , , , ,
Express Mail Label No.		730

Mail Stop Patent Application					
APPLICATION ELEMENTS ADDRESS TO: Commissioner for Patents					
P.O. Box 1450	ŀ				
See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450					
1. X Fee Transmittal Form (e.g., PTO/SB/17) 7. CD-ROM or CD-R in duplicate, large table or					
(Submit an original and a duplicate for fee processing) Computer Program (Appendix)					
2. X Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission	İ				
See 37 CFR 1.27. (if applicable, all necessary) 3. X Specification [Total Pages 12] a Computer Readable Form (CRF)	1				
3. X Specification [Total Pages 12] a. Computer Readable Form (CRF)					
- Descriptive title of the invention b. Specification Sequence Listing on: - Cross Reference to Related Applications					
- Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, i. CD-ROM or CD-R (2 copies); or					
or a computer program listing appendix - Background of the Invention ii. Paper					
- Brief Summary of the Invention - Brief Description of the Drawings (if filed)					
Detailed Description					
- Claim(s) - Claim(s) - Claim(s) - Claim(s) - Claim(s)					
- Abstract of the Disclosure 9. X Assignment Papers (cover sheet & document(s))					
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 4] 10. 37 CFR 3.73(b) Statement X Power of	1				
5. Oath or Declaration [Total Sheets 3] 1 (when there is an assignee) Attorney English Translation Document (if applicable)	I				
a. X Newly executed (original or copy) 12. Information Disclosure Copies of IDS					
b. Copy from a prior application (37 CFR 1.63(d)) Statement (IDS)/PTO-1499 Citations Preliminary Amendment	- 1				
(for continuation/divisional with Box 18 completed)	13. Preliminary Amendment 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s)				
1 14. X Neturn Necesper Ostobia (Wr Er 505)					
i DELETION OF INVENTOR(S)					
Signed statement attached deleting inventor(s) Signed statement attached deleting inventor(s) (if foreign priority is claimed)	(if foreign priority is claimed)				
1 63(d)(2) and 1 33(b) 16. Monpublication Request under 35 U.S.C. 122					
(b)(2)(B)(i). Applicant must attach form PTO/SB/35					
6. Application Data Sheet. See 37 CFR 1.76 or its equivalent.	17. Other:				
17. La Other:					
<u> </u>					
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:					
specification following the title, or in an Application Data Sheet under St. CFK 1.76.					
Continuation Divisional Continuation-in-part (CIP) of prior application No.:					
Prior application information: Examiner Art Unit: Art Unit:					
For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied und	er Box				
5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.					
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
19. CORRESPONDENCE ADDRESS					
Customer Number: OR X Correspondence address below					
Oustonier Number.					
Name William A. Blake, Jones, Tullar & Cooper, P.C.					
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City Arlington State VA Zip Code 22202					
Country Telephone 703-415-1500 Fax 703-415-	1508				
Name (Print/Type) William A. Blake Registration No. (Attorney/Agent) 30548					
Traine (Time 1) por William A. Diake	2004				

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Addendum

1.	HIGH SMSR UNIDIRECTIONAL ETCHED LASERS AND LOW BACK-REFLECTION
	PHOTONIC DEVICE

March 18, 2004

PTO/SB/17 (08-03)
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(\$) 425.00

جة	FEE TRANSMITTAL					
131A6	for FY 2003					
⇇	Effective 01/01/2003. Patent fees are subject to annual revision.					
枢	Applicant claims small entity status. See 37 CFR 1.27					

TOTAL AMOUNT OF PAYMENT

Signature

Complete if Known					
Application Number					
Filing Date	March 18, 2004				
First Named Inventor	Alex A. Behfar				
Examiner Name		-			
Art Unit					
Attorney Docket No	BIN 9				

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)						
X Check Credit card Money Other None 3. ADDITIONAL FEES										
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Number Deposit				1051	50		25	-	filing fee or oath provisional filing fee or	
Account				1052	30	2052	23	cover sheet	provisional ming ree or	
Name The Commiss	ioner is authorized to:	(check all that app	olv)	1053	130	1053	130	Non-English spe	ecification	
	(s) indicated below	Credit any ov	• •	1812	2,520	1812	2,520	For filing a reque	est for ex parte reexamination	
	additional fee(s) during	the pendency of t	his application	1804	920*	1804	920*	Requesting pub Examiner action	lication of SIR prior to	
	(s) indicated below, exc entified deposit account		fee	1805	1,840*	1805	1,840*	Requesting pub Examiner action	lication of SIR after	
	FEE CALCU			1251	110	2251	55	Extension for re	ply within first month	
1. BASIC FI				1252	410	2252	205	Extension for re	eply within second month	
Large Entity S				1253	930	2253	465	Extension for re	eply within third month	
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1001 750	• •	filing fee	205.00	1255	1,970	2255	985	Extension for re	eply within fifth month	
1002 330	•	n filing fee	385.00	1401	320	2401	160	Notice of Appea	al	
1003 520	_	filing fee		1402	320	2402	160	Filing brief in su	ipport of an appeal	
1004 750	2004 375 Reiss	ue filing fee		1403	280	2403	140	Request for ora	l hearing	
1005 160	2005 80 Provis	sional filing fee		1451	1,510	1451	1,510	Petition to institu	ute a public use proceeding	
	SUBTO ⁻	TAL (1) (\$) 38	25.00	1452	110	2452	55	Petition to revive	e - unavoidable	
				1453	1,300	2453	650	Petition to reviv	e - unintentional	·
2. EXTRA	CLAIM FEES FOR	UTILITY AND Fee from		1501	1,300	2501	650	Utility issue fee	(or reissue)	
Total Claims 16 -20** = 0 X Fee Paid		1502	470	2502	235	Design issue fe	e			
		1503	630	2503	315	Plant issue fee				
Claims	3 - 3** = 0	× <u></u> _	= 0	1460	130	1460	130	Petitions to the	Commissioner	
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Large Entity		a Description		1806	180	1806	180	Submission of I	nformation Disclosure Stmt	
Fee Fee Code (\$)	Code (\$)	e Description		8021	40	8021	40		patent assignment per number of properties)	40.00
1202 18		ns in excess of 20	veces of 2	1809	750	2809	375		sion after final rejection	
1201 84 1203 280	,	oendent claims in e ple dependent clair		1010	750	2012	275	(37 CFR 1.129)	• • •	
	`	pie dependent clair eissue independent	•	1810	750	2810	375	examined (37 C	onal invention to be CFR 1.129(b))	
1204 84		er original patent	Gallis	1801	750	2801	375	Request for Co	ntinued Examination (RCE)	
1205 18		eissue claims in exc d over original pate		1802	900	1802	900	Request for exp of a design app	edited examination dication	
				Other	fee (sp	ecify) _			 .	
**or numbe	SUBTOTAL (2) $(\$)$ 0.00 **or number previously paid, if greater; For Reissues, see above				iced by	Basic	Filing F	ee Paid	SUBTOTAL (3) (\$)	40.00
SUBMITTED	Parished in No.									
Name (Print/Typ	Name (Print/Type) Willliam A. Blake Registration No. 30548 Telephone 703-415-1500									

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